

UTILITY  
PATENT APPLICATION  
TRANSMITTAL  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	H-359
First Inventor	Arango, Alexi C.
Title	Dielectrophoretic displays
Express Mail Label No.	EU 792 602 900 US

P  
10/687160  
19270  
101603



## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 23]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Sheets       ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:  
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  Paper
- c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: Petition under 37 CFR 1.84(a)(2).....  
Letter re specification format

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)of prior application No.: 08/983,404Art Unit: 2673

Prior application information:

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

Customer Number: 26245 OR  Correspondence address below

Name	David J. Cole		
Address			
City	State	Zip Code	
Country	Telephone	617-499-6069	Fax

Name (Print/Type)	David J Cole	Registration No. (Attorney/Agent)	29629
Signature	<u>David J. Cole</u>	Date	10/16/2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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10/16/03  
1671  
U.S.  
PTO

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1152)

## C mplete if Known

Application Number	
Filing Date	Herewith
First Named Inventor	Arango, Alexi C.
Examiner Name	
Art Unit	
Attorney Docket No.	H-359

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number  
501162

Deposit Account Name  
E Ink Corporation

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments

Charge any additional fee(s) or any underpayment of fee(s)

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	770
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 770)	

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	34	-20** = 14	x 18 = 252
Independent Claims	2	- 3** = 0	x 86 = 0
Multiple Dependent			

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 252)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	130
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

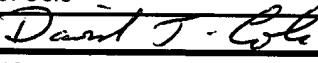
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 1152)

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	David J. Cole	Registration No. (Attorney/Agent)	29629	Telephone	617-499-6069
Signature				Date	October 16, 2003

**WARNING: Information on this form may become public. Credit card information should not be included in this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Attorney's Ref.: H-359  
Application of: Arango et al.  
Filed: Herewith  
For: DIELECTROPHORETIC DISPLAYS**

Cambridge, Massachusetts  
October 16, 2003

**PETITION UNDER 37 CFR 1.84(a)(2) TO PERMIT USE OF  
COLOR DRAWINGS IN UTILITY APPLICATION**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Washington DC 20231

Sir:

Pursuant to 37 CFR 1.84(a)(2), the undersigned attorney hereby petitions the Commissioner to permit the use of color drawings in the second, third and fourth sheets of drawings for the application filed herewith.

An important embodiment of the invention claimed is this application is an electrophoretic display which, under appropriate conditions can be rendered essentially transparent so as to permit viewing of a colored backing member provided behind the display. A black opaque mode of such a display is shown in Figure 5, a fully transparent mode in Figure 6, and intermediate modes in Figures 7 and 8. The undersigned attorney has found that monochrome copies of these Figures are highly unsatisfactory as not showing the gradual development of transparency and the accompanying revelation of the colored backing member. Accordingly, it is considered that in this instance the use of color drawings (actually photographs) is required for proper illustration of the process of the invention.

In accordance with 37 CFR 1.84(a)(2), there are filed with this application one complete set of all five sheets of drawings (sheets 2-4 of which are the photocopies required by 37 CFR 1.84(a)(2)(iii)) and three sets of the three sheets of colored drawings.

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10/03/165

The specification contains in Paragraph [0029] the statement required by 37 CFR 1.84(a)(2)(iv).

Respectfully submitted

  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Attorney's Ref.: H-359  
Application of: Arango et al.  
Filed: Herewith  
For: DIELECTROPHORETIC DISPLAYS**

Cambridge, Massachusetts  
October 16, 2003

**LETTER RE FORMATS OF SPECIFICATION AND  
APPLICATION DATA SHEET**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Washington DC 20231

Sir:

The undersigned attorney was preparing the above application for electronic filing today (as required to claim benefit of Application Serial No. 60/419,019, filed October 16, 2002) when he determined that it was necessary to use color drawings in this application, and hence that it would not be possible to file this application electronically. In view of the urgency of this matter, the specification and Application Data Sheet filed herewith are in the format generated by ePAVE 5.1 software. It is the attorney's understanding that the Office has no objection to receiving paper copies in this format, even though it differs somewhat from that generated by most word processors. The undersigned attorney will of course be pleased to supply a substitute specification and Application Data Sheet if the Office deems this necessary.

Respectfully submitted



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